```
  1  AGGAATTCCGGTGCCCGCCCACTCCCGTCGTGCTGTGACCCGCGGCACAGAGAGCTACCGGTGGCGGACCCACCGTGCCTCCCTC

 81  CCTGGGATCCTACACAGACCATCGCCTTCCAACCGCTCGACCCCGTGTTGGTCGGTCCCTGTGGCGACCGCCCTCCCAGCCTCCTGT
  1             M  A  L  I  Q  R  L  D  P  C  W  R  C  G  D  R  P  G  S  L  L  P

161  TCCTGCTCTTCAGCCTCGGATGCGTGCCATCCCGGCATCCCGCCAGCACCCTGGCTGGAGAGACACCGGAACCTCGCCCCCTGGGG
 22  L  F  S  L  G  W  V  M  P  A  R  T  L  A  G  E  T  G  T  E  S  A  P  L  G

241  CGACTCCTGACAACCCCATAAACATTCCAGCCTCTCGCCAACTCCTTGGCTTCTTCTGTGCCCGTGTGCCGGAGGTGTCCGG
 48  G  V  L  T  P  H  N  I  G  S  L  S  P  R  Q  L  L  G  F  F  C  A  R  V  S  G

321  CCTGAGCACGGAGCGGTGTCCGGCAGCTGGTGGCACAGAAGAATGTCAACCTCTCAACAGAGCAGCTGCGCT
 73  L  S  T  E  R  V  R  E  L  A  V  A  L  A  Q  K  K  V  K  L  S  T  E  Q  L  R  C

401  GTCTGGCTCACCGGCTCTCTGACCCCCCCAGGACCTGGACGCCCTCCCATTGGACCTGCTCCTATTCCTCAACCCAGAT
102  L  A  N  R  L  S  E  P  P  E  D  L  D  A  L  P  L  D  L  L  F  L  N  P  D

481  GCGTTCTCGGGCCCTGCCAGGCCCTCCACCCGTTCTTCTCCCCATCACGAAGGCCAATGTCGACCTGCTCCCGAGGCCCC
128  A  F  S  C  P  Q  A  C  T  R  F  F  S  R  I  T  K  A  N  V  D  L  L  P  R  G  A

561  TCCCGAGCGACAGCGGCGGCCTGCCTCGCGCTGCTGGGGGTGTCTCTGAGCGAGCCTGATCTGC
155  P  E  R  Q  R  L  L  P  A  A  L  A  C  W  G  V  R  G  S  L  L  S  E  A  D  V  R

641  GGGCTCTGGGAGGCCTGGCTTGTGTGGCCGGACTGCCGAAGTGCTACCCGGCTGGTG
182  A  L  G  G  L  A  C  D  L  P  G  R  P  V  A  E  S  A  E  V  L  L  P  R  L  V

721  AGCTGCCCGGGGCCGCTGGACCAGGACCAGGAGGCCCAGCGCGCTGCACCGGGGACCCCCTACGGCCC
208  S  C  P  G  P  L  D  Q  D  Q  E  A  A  R  A  A  L  Q  C  G  G  P  F  Y  G  P

801  CCCGTCGACATGGTCTGTGTCCACGATGGACGCCCTGCGGGGACCTCCCGCCCAGCCCCATCATCCCCAGCA
235  P  S  T  W  S  V  S  T  M  D  A  L  R  G  L  L  P  V  L  G  Q  P  I  I  R  S  I

881  TCCCGCAGGGCATCGTGGCGGCCAACGCCCTCTCGGACCCATCCTCGGCAGCCTGAACCGGACCCATCCTC
262  P  Q  G  I  V  A  W  R  Q  R  S  S  R  D  P  S  W  R  Q  P  E  R  T  I  L

961  CGGCCGCGGGTTCCCCCGGCCAAGTGGAAGAAGAGAGADAGCCTGTCCTTCAGGCAAGAGGCCCGGAGATAGAGAGCCTCAT
288  R  F  R  F  R  E  V  E  K  T  A  C  P  S  G  K  K  A  R  E  I  D  E  S  L  I

1041 CTTCTACAAGAACTGGGAACTGGAAGCCTGCGTGGATGCCGGGCTGCTGGCCACCCAGATGGACCGCGTCAACGCCATCC
315  F  Y  K  K  W  E  L  E  A  C  V  D  A  A  L  L  A  T  Q  M  D  R  V  N  A  I  P
```

FIG. 1-1.

00000F 66+8980

```
1121 CCTTCACCTACGAGCACCTGGACGTCCTAAAGCATAAACTGGATGAGCTCTACCCCCAGTCTGTGATC
342    F  T  Y  E  Q  L  D  V  L  K  H  K  L  D  E  L  T  P  Q  G  Y  P  E  S  V  I

1201 CAGCACCTGGGCTACTCTCTTCCTCAAGATCAGCCCTGAGGACATTCGCAAGTGGAATGTGACCTCCCTCGAGACCCTGAA
368    Q  M  L  G  T  L  F  L  K  M  S  P  E  D  I  E  K  W  N  V  T  E  L  R  T  L  K

1281 GGCTTTGCTTGAAGTCGACAAAGCCCACGAAATCACTCCTCAGCCTCCCGGCGCCCCTCCTCCGGCGTCGCCACCCTGA
395    A  L  E  V  D  K  G  M  E  M  S  P  Q  A  P  R  R  P  L  P  Q  V  A  T  L  I

1361 TCGACCGCTTTGTGAAGGGAGGCAGCCAGAGCCAGAGGGGCCAGCTAGACAAAGACACCCTAGACACCCTTCTACCCTGGGTACCTG
422    D  R  F  V  K  G  R  G  Q  L  D  K  D  T  L  D  T  L  T  K  P  Y  P  G  Y  L

1441 TGCTCCCTCAGCCCCGAGGAGCTGAGCTCCGTGCCCCCATCTGGGCGGTCAGCCCCAGGACCTGGACACGTG
448    C  S  L  S  P  E  E  L  S  S  V  P  P  S  I  W  A  V  R  P  Q  D  L  D  T  C

1521 TGACCCAAGGCAGCTGGACGTCCTCTATCCCAAGGCCCGTCTTGCTTTCCAGAACATGAACCCGTCGAATACTTCGTGA
475    D  F  Q  L  D  V  L  Y  P  K  A  R  L  A  F  Q  N  M  K  G  S  E  Y  P  V  K

1601 AGATCCAGTCCTTCCTGGGTGGGGCCCCCACGGAGGATTTGAAGCCGCTCAGTCAGCAGAATGTGAGCATGGACTTCGCC
502    I  Q  S  P  L  G  G  A  P  T  E  D  L  K  A  L  S  Q  Q  N  V  S  M  D  L  A

1681 ACGTTCATGAAGCTGCGCACGGACGCGGTCCTGCCCCTGACTGTGGCCGAGGTGCAGAAACTTCTGGACCCCACGTGGA
528    T  F  M  K  L  R  T  D  A  V  L  P  L  T  V  A  E  V  Q  K  L  C  D  M  V  E

1761 GGGCCTGAAGGGGGAAGAGCGGCACCGGCCCGTGCGGGACTGGATCCTGCGCCAGCGCCAGGACGACCTGGACACGCTGG
555    G  L  K  A  E  E  R  H  R  P  V  R  D  W  I  L  R  Q  R  Q  D  D  L  D  T  L  G

1841 GGCTGGGGCTACAGGGGCGGCATCCCAACTGCTACCTGGTCCTGGACCTGTCAGCGTGCAAGACACCCTCTCGGGGACGCCC
582    L  G  L  Q  Q  G  I  F  N  C  Y  L  V  L  D  L  S  V  Q  E  T  L  S  C  T  P
                               ‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾

1921 TGCCTCCTAGGACCTGTGTTCTCCACGGTGCCACTGCTCGTCCTGGCCTCCACCCTGCCTCCTGCGGCGCCCCACTCCCT
610    C  L  L  C  P  G  P  V  L  T  V  L  A  L  L  L  A  S  T  L  A
        ‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾

2001 TCCTCCCCCCAGCCCTCCTCGGGATCCCCGCGCTGCCCAGCCACCAGCCAGGGTGATCCCCGTTCCACCCCCAAGAGAACTC

2081 GCCCTCAGTAAACGGGAACATGCCCCCCTGCAGAGACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA    2138
```
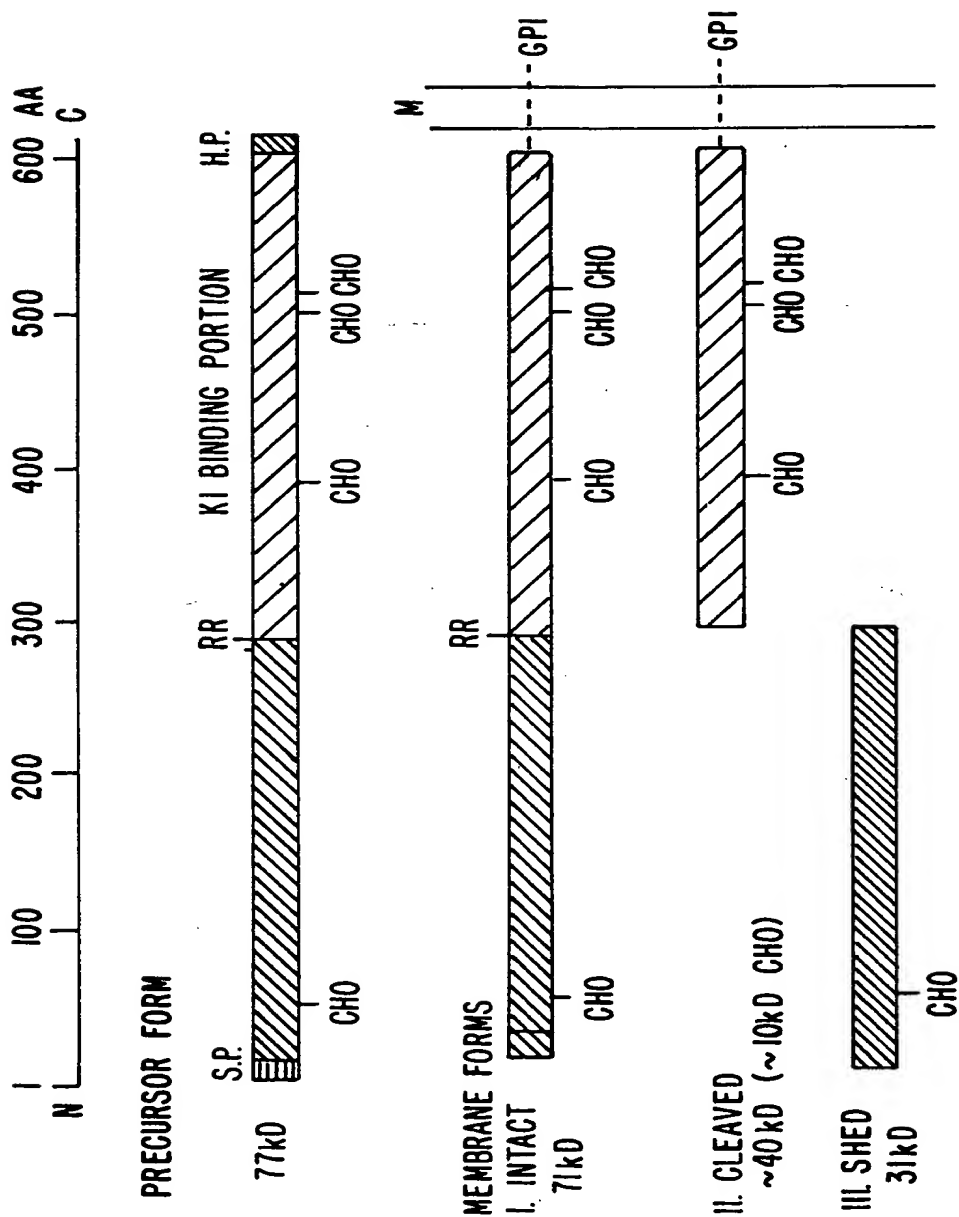
FIG. 1-2.

FIG 2.